

## Andrology

1. Male sex differentiation
2. Hormonal impact on sex development & disorder
3. Applied anatomy of penis
4. Male sexual cycle
5. Anatomy of ED
6. Physiology of ejaculation, different varieties of ejaculatory dysfunction
7. Peripheral & central control of ejaculation
8. Emission & ejaculation
9. Role of testosterone in sexual function
10. Physiology of puberty & precocious
11. Delayed puberty management
12. Hypogonadotropic hypogonadism
13. Masturbation (true & false)
14. True & pseudo micropenis
15. Compare: organic & psychogenic ED
16. Management of honeymoon ED
17. Pathological effects of DM on sexual potency & how to assess
18. Diabetic ED
19. Management of ED in diabetic male
20. Pathogenesis of male sexual dysfunction in CRF
21. How to lead to ED: hepatic, renal, alcohol, anti-hyperlipidemic drugs
22. Role of penile duplex in assessment of ED
23. Discuss arteriogenic impotence
24. Priapism
25. Venogenic & arteriogenic priapism
26. Low flow, high flow priapism
27. Peyronie's
28. Iatrogenic impotence
29. Drugs affecting sexual potency
30. Diagnostic procedures of ED
31. Non-surgical treatment of ED
32. Phosphodiesterase inhibitors
33. Drugs used for ICI, dose, SE
34. SE of ICI
35. Vacuum
36. Penile implant, indication, types, complications, technique
37. Disorders of orgasm
38. Treatment of premature ejaculation
39. Dyspareunia

40. Homosexuality
41. Blood supply of testis
42. Normal , abnormal semen parameters
43. Spermogram
44. Causes of isolated asthenozoospermia , invet, ttt
45. Def : aspemia, hemospermia
46. Def: teretozoospermia, asthenozoospermia, azoospermia
47. Causes of oligozoospermia
48. Management of azoospermia
49. Leucocytospermia, necrozoospermia
50. Sperm survival assay
51. Acrosome reaction
52. Sperm –cervical mucus interaction
53. Post coital test
54. spermatogenesis, spermiogenesis, gonadotoxin
55. Semen processing
56. Sperm agglutination
57. Sperm function test
58. Ultrastructure of sperm
59. Sperm motility & abnormality
60. Histology of testicular biopsy
61. Pre-testicular causes of infertility
62. Impact of hormonal imbalance on infertility
63. Hyperprolactenemia
64. Pituitary dysfunction in relation to male infertility
65. Testicular causes of infertility
66. Cryptorchidism
67. Empty scrotum associated with UDT
68. Klinefelter S
69. Sertoli cell only S
70. Testicular biopsy in Klinefelter & seertoli S
71. Immotile cilia S
72. Torsion & epiidymoorchtis
73. Management of testicular torsion
74. Varicocele pharmacotherapy
75. Varicocele: why If, D, M, pathophy
76. Anorgasmia
77. Anejaculation
78. Dry ejaculate
79. Management of retrograde ejaculation
80. Infertility with respiratory
81. Diagnosis of ductal obstruction

82. Management of obstructive azoospermia
83. Ejaculatory duct obstruction
84. Immunological infertility
85. Chlamydia in relation to infertility
86. Androgen replacement therapy: indication, CI, preparation, regimens, SE, monitoring
87. Testosterone therapy
88. Hormonal ttt of infertile male
89. Indication & method of testicular biopsy
90. Guidelines of ART, Indications
91. Indication of ICSI
92. TESE
93. Diagnostic U/S
94. Male climate
95. Gynecomastia
96. Testicular pain
97. Painful scrotum
98. Management of unilateral palpable gonade in 5y boy
99. Gap junction
100. Y chromosome